

Patent Docket P1977R1

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Bodary, et al.

Serial No.: 10/527,100

Filed: March 9, 2005

For: NOVEL COMPOSITIONS AND

METHODS FOR THE TREATMENT OF

IMMUNE RELATED DISEASES

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No: Not Yet Assigned

CUSTOMER NO: 09157

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria,

22313-1450 on

April<u>18</u>, 2005

Baile Lee

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants submit herewith patents, publications or other information (attached hereto and listed on the attached revised Form PTO-1449) of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

This Information Disclosure Statement is filed in accordance with the provisions of:

(X) 37 CFR §1.97(b)

- within three months of the filing date of the application other than a continued prosecution application under 37 CFR §1.53(d); or
- within three months of the date of entry of the national stage of a PCT application as set forth in 37 CFR§1.491, or
- before the mailing of the first Office action on the merits; or
- before the mailing of the first Office action after the filing of a request for a continued examination under 37 CFR §1.114.

() 37 CFR §1.97(c)

 by the applicant after the period specified in 37 CFR §1.97(b), but prior to the mailing date of any of a final action under 37 CFR §1.113, or a notice of



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allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application, and is accompanied by either the fee set forth in 37 CFR §1.17(p) or a statement as specified in 37 CFR §1.97(e), as checked below.

0 37 CFR §1.97(d)

 after the period specified in CFR §1.97(c), and is accompanied by the fee set forth in 37 CFR §1.17(p) and a statement as specified in 37 CFR §1.97(e), as checked below.

(If either of boxes 37 CFR §1.97(c) or 37 CFR §1.97(d) is checked above, the following statement under 37 CFR §1.97(e) may need to be completed.)

- 37 CFR §1.97(e) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- 37 CFR §1.704(d) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and the communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filling of this information disclosure statement. Therefore, in accordance with the provisions of 37 CFR §1.704(d), the filling of this information disclosure statement will not be considered a failure to engage in reasonable efforts to conclude prosecution under 37 CFR §1.704.
- The U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account No. 07-0630 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement under 37 CFR §1.17(p). Any deficiency or overpayment should be charged or credited to this deposit account.

A list of the patent(s) and/or publication(s) is set forth on the attached revised Form PTO-1449. A copy of the items on PTO-1449 is supplied herewith.

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached PTO-1449 form are not supplied because **a)**() they were previously cited by or submitted to the Office in a prior application. Serial No., filed and relied upon in this application for an earlier filing date under 35 USC §120 **and/ or** because **b)**() this application was filed after June 30, 2003. Applicants are no longer required to submit copies of U.S. patents and U.S. patent application publications cited in information disclosure statements for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after



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June 30, 2003 (1276 OG 55). Nevertheless, applicants stand ready to provide copies at the request of the Examiner.

A concise explanation of relevance of the items listed on PTO-1449 is:

- (X) not given
- 0 given for each listed item
- given for only non-English language listed item(s) (Required)
- in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR §1.97(g), the filing of this information disclosure statement shall not be construed as a representation that a search has been made.

In accordance with 37 CFR §1.97(h), the filing of this information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17 for this Information Disclosure Statement, or credit overpayment to Deposit Account No. 07-0630.

Respectfully submitted,

GENENTECH, INC.

David A. Carpenter

Reg. No. 45,945

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				FOREIGN PATENT DOCUMENTS	1				_			
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	1	WO 01/75166	11.10.01	PCT								
- 			OTHER DISCL	OSURES (Including Author, Title, Date,	Pertinent Pages, e	tc.)						
	2	Alderson et al., Immunology 24:221		biological characterization of) 94)	human 4-1BB and	its l	igand'	Journa	l of			
	3	Bolton, C.,, "Recent advances in the pharmacological control of experimental allergic encephalomyelitis (EAE) and the implications for multiple sclerosis treatment" Multiple Sclerosis. 1:143-149 (1995)										
_	4	Chambers and Allison., "Co-Stimulation in T Cell Responses." <u>Current Opinion in Immunology.</u> 9(3):396-404 (Jun 1997)										
	5	Hellstrom, I. and Hellstrom, K. E., <u>Critical Reviews in Immunology</u> 18:1-6 (1998)										
	6	Jenkins, M. K., "The Ups and Downs of T Cwll Costimulation" <u>Immunity</u> . 1:443-446 (1994)										
	7	June, C. H. et al., "The B7 and CD28 Receptor Families." Immunology Today. 15(7):321-331 (Jul 1994)										
	8	Linsley and Ledbetter., "The Role of the CD28 Receptor During T Cell Responses to Antigen." Annu. Rev. Immunol. 11:191-212 (1993)										
	9	"Proliferation Assays for T Cell Function" <u>Current Protocols in Immunology</u> , Coligan et al. eds., John Wiley & Sons, Inc. Vol. 1:unit 3.12 (1993)										
	10	Schwartz, R., "Costimulation of T Lymphocytes: The Role of CD28, CTLA-4, and B7/BB1 in Interleukin-2 Production and Immunotherapy." Cell. 71(7):1065-1068 (Dec 24, 1992)										
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